

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Frans E. Janssens et al.

Confirmation No.: 6402

Patent No.: 7,071,192 B1

Issued: July 4, 2006

Application No.: 10/019,376

Filing Date: December 27, 2001

For: RESPIRATORY SYNCYTIAL VIRUS REPLICATION INHIBITORS

Commissioner for Patents
Attn: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR § 1.322 & 37 CFR § 1.323**

It is respectfully requested that a Certificate of Correction be issued for the above-identified patent. The patent has **ninety-two** errors; **eighty-eight** of which occurred through the fault of the Patent and Trademark Office, and **four** errors were the fault of the applicant. Applicant's errors occurred in good faith and are of a clerical or typographical nature, or minor character, and are not believed to constitute new matter or require examination.

Enclosed herewith please find a completed Certificate of Correction form.

- ☒ Please charge Deposit Account No. 23-3050 in the amount of **\$100.00**. (See 37 CFR § 1.20(a))
- ☐ A check in the amount of **\$100.00** is attached.
- ☒ The Commissioner is hereby authorized to charge any deficiency or credit any overpayment of the fees associated with this communication to Deposit Account No. 23-3050.

DOCKET NO.: JANS-0028

PATENT

Date: February 20, 2007

/Wendy A. Choi/
Wendy A. Choi
Registration No. 36,697

Woodcock Washburn LLP
Cira Centre
2929 Arch Street, 12th Floor
Philadelphia, PA 19104-2891
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

© 2007 WW

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1
 DATED : July 4, 2006
 INVENTOR(S): Frans Eduard Janssens et al.

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5,

Line 23, delete "C₁" and insert -- C₁₋₆--.

Column 8,

Line 23, after "alkylcarbonylamino," insert -- C₁₋₆alkyl-SO₂-NR^{5c} -, aryl-SO₂-NR^{5c} -, C₁₋₆alkyloxy carbonyl, C(=O=)-NR^{5c}R^{5d}, HO(- --.

Line 55, delete "-CH₂-CH₂)_n-" and insert -- -CH₂-CH₂-O)_n- --.

Column 9,

Line 21, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 25, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 28, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 35, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 38, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 41, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 48, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 50, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 53, delete "4-methyl" and insert -- -4-methyl --.

Line 56, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 59, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 62, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 65, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Column 10,

Line 1, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 5, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

Line 9, delete "4-piperidinyl]" and insert -- -4- piperidinyl] --.

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1
 DATED : July 4, 2006
 INVENTOR(S): Frans Eduard Janssens et al.

Column 10,

Line 11, delete “₄-piperidinyl]” and insert -- -4- piperidinyl] --.

Line 14, delete “₄-piperidinyl]” and insert -- -4- piperidinyl] --.

Line 15, delete “₄methyl-” and insert -- -4-methyl- --.

Line 17, delete “famines” and insert -- amines --.

Line 63, delete “C]” and insert -- C₁- --.

Column 18,

Line 20, delete “(XVIII)” and insert -- (XVII) --.

Line 46, delete “NR,” and insert -- NR⁴, --.

Line 63, delete “(XIX) and insert -- (XX) --.

Column 20,

Line 23, formula (XXII) delete “G₁” and insert -- G₂ --.

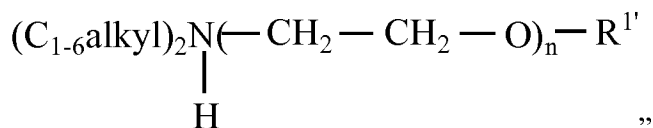
Column 22,

Line 66, delete “(I-a-2)” and insert -- (I-h-2) --.

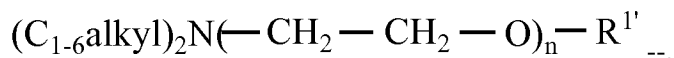
Column 24,

Line 28, delete “NH₂(C₁₋₆alkyl)₂” and insert -- NH(C₁₋₆alkyl)₂ --.

Lines 31-33, formula (I-I-2) is incorrect. Delete “



and insert --



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1

DATED : July 4, 2006

INVENTOR(S): Frans Eduard Janssens et al.

Column 25,

Line 30, delete "(E)" and insert -- (III) --.

Line 45, delete "(XXVI)" and insert -- (XXVII) --.

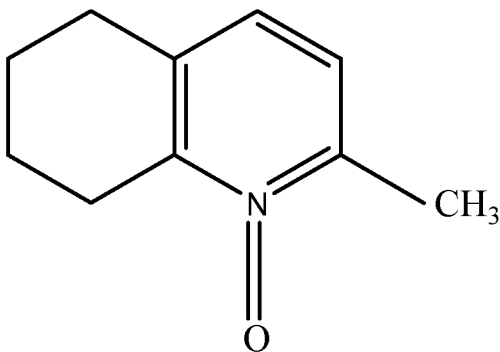
Column 26,

Line 19, delete "Gi" and insert -- G --.

Line 20, delete "(ff-a)" and insert -- (III-a) --.

Column 28,

Lines 60-67, delete "



XCIV

”

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

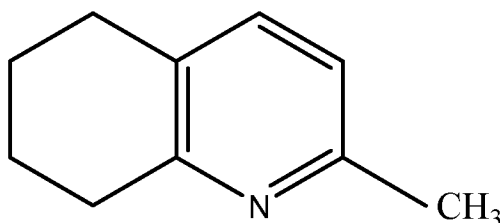
UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1

DATED : July 4, 2006

INVENTOR(S): Frans Eduard Janssens et al.

and insert --



XCIV

--.

Column 29,

Line 2, delete “(XXXII-1) or (XXXI-b)” and insert

-- (XXXIII-a or XXXIII-b)--.

Line 5, delete “(E)” and insert -- (III) --.

Column 31,

Line 19, delete “(TV)” and insert -- (IV) --.

Column 32,

Line 54, delete “(TV)” and insert -- (IV) --.

Column 34,

Line 34, delete “Inter-mediate” and insert -- Intermediates --.

Line 34, delete “(XXXII-a) or (XXXII-b)” and insert -- (XXXIII-a) or (XXX-III-b) --.

Line 39, delete “(XXXII-a-1)” and insert -- (XXXIII-a-1) --.

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1

DATED : July 4, 2006

INVENTOR(S): Frans Eduard Janssens et al.

Column 35,

Line 13, delete "(XLVI-b)" and insert -- (XLVII-b) --.

Column 36,

Line 30, delete formula number "(XLVIII-b)" and insert -- (XLVIII-a) --.

Column 37,

Line 53, delete "(m)" and insert -- (III) --.

Column 38,

Line 45, delete "inter-mediates" and insert -- intermediates --.

Line 48, delete "(LVII)" and insert -- (LVIII) --.

Line 48, delete "Nd N-" and insert -- N,N- --.

Column 39,Line 6, delete "Z-O-G₁" and insert -- Z₄-O-G₁ --.

Line 63, delete "(Iv-g)" and insert -- (IV-g) --.

Column 40,

Line 64, delete "(XXXII-a)" and insert -- (XXXIII-a) --.

Column 41,

Line 30, delete "(LX)" and insert -- (LXIX) --.

Column 43,

Line 14, delete "(LXXI)" and insert -- (LXXII) --.

Column 44,

Line 19, delete "(LXX-a)" and insert -- (LXXI-a) --.

Line 49, delete "(LXX-b)" and insert -- (LXX-b) --.

Line 50, delete "(I)" and insert -- (IX) --.

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1

DATED : July 4, 2006

INVENTOR(S): Frans Eduard Janssens et al.

Column 46,

Line 64, delete "inter-mediate" and insert -- intermediates --.

Column 47,

Line 22, delete "(LXXX)" and insert -- (LXXXI) --.

Line 43, in formula. delete "LXXXI" and insert -- O₂N – with H₂N --.Column 48,

Line 6, delete "(LXXV)" and insert -- (LXXXV) --.

Column 49,

Line 29, delete "inter-mediate" and insert -- intermediate --.

Column 54,

Line 9, delete "(10 g)" and insert -- (100 g) --.

Column 55,

Line 37, delete "(O)-" and insert -- (±)- --.

Column 58,Line 59, delete "(₄-" and insert -- (±)-4- --.

Line 61, delete "piperidine-ethanol" and insert -- piperidineethanol --.

Column 59,

Line 67, delete "Nail 60%" and insert -- NaH 60% --.

Column 60,

Line 2, delete "stir-ring" and insert -- stirring --.

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1

DATED : July 4, 2006

INVENTOR(S): Frans Eduard Janssens et al.

Column 61,Line 15, delete "CH₂Cl₂/ CH₃OH/N OH" and insert
-- CH₂Cl₂/CH₃OH/NH₄ OH --.

Line 15, delete "1540" and insert -- 15-40 --.

Line 16, delete "em) and insert -- μm) --.

Column 62,Line 29, delete "CH₂Cl₂/H₃OH" and insert -- CH₂Cl₂/CH₃OH --.

Line 29, delete "cm" and insert -- μm --.

Column 68,

Line 61, delete "stir-red" and insert -- stirred --.

Column 69,

Line 29, delete "1540 em)" and insert -- 15-40 μm --.

Line 44, delete "CH₂Cl₂/CH₃OH NH₄OH" and insert -- CH₂Cl₂/CH₃ OH/NH₄OH
--.

Line 53, delete "1540 em)" and insert -- 15-40 μm --.

Column 71,

Line 65, delete "(0.0021-O- (mol)" and insert -- (0.00218 mol) --.

Column 72,

Line 12, delete "4- piperidinyI]" and insert -- 4- piperidinyl --.

Column 97,

Line 23, delete "MT" and insert -- MTT --.

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,071,192 B1
DATED : July 4, 2006
INVENTOR(S): Frans Eduard Janssens et al.

Column 100,

Line 43, delete "CH₆alkyl" and insert --CH₁₋₆alkyl --.

Line 46, delete "CH₄alkyl" and insert -- CH₁₋₄alkyl --.

Line 47, delete "CH₆alkylcarbonyl" and insert -- CH₁₋₆alkylcarbonyl --.

Line 48, delete "with 1 more more" and insert -- with 1 or more, such as 2, 3 or 4

--.

Line 49, delete "CH₆alkyl" and insert -- C₁₋₆alkyl --.

Line 51, delete "H₆alkylpoxo" and insert -- C₆alkyloxy --.

Column 103,

Line 16, delete "(I')" and insert -- (I) --.

Column 111,

Line 33, delete "HO-G1" and insert -- HO-G₁ --.

Column 112,

Line 23, delete "(I')" and insert -- (I) --.

Line 29, delete "(I')" and insert -- (I) --.

Line 36, delete "(I')" and insert -- (I) --.

Line 40, delete "(I')" and insert -- (I) --.

MAILING ADDRESS OF SENDER: Woodcock Washburn
Cira Centre, 12th Floor
2929 Arch Street
Philadelphia, PA 19104-2891

PATENT NO. 7,071,192 B1

No. of additional copies



12

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.